

House File 162 - Introduced

HOUSE FILE 162

BY RIZER

A BILL FOR

1 An Act regarding the use of plasma gasification as a waste
2 management practice.

3 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

1 Section 1. Section 455B.301, Code 2015, is amended by adding
2 the following new subsection:

3 NEW SUBSECTION. 14A. "*Plasma gasification*" means the
4 thermal dissociation of carbonaceous materials into fragments
5 of compounds in an oxygen-starved environment producing
6 synthetic gas, either as a stand-alone fuel or by blending with
7 natural gas, the reclamation of metal products for recycling,
8 and the vitrification of inorganic compounds that may be used
9 for manufactured products.

10 Sec. 2. Section 455B.481, subsection 2, Code 2015, is
11 amended by adding the following new paragraph:

12 NEW PARAGRAPH. *0e.* Plasma gasification.

13 EXPLANATION

14 The inclusion of this explanation does not constitute agreement with
15 the explanation's substance by the members of the general assembly.

16 This bill adds plasma gasification to the list of preferred
17 pollution prevention measures found in the waste management
18 assistance Act, found in part 9 of division IV of Code
19 chapter 455B. "Plasma gasification" is defined as the thermal
20 dissociation of carbonaceous materials into fragments of
21 compounds in an oxygen-starved environment producing synthetic
22 gas, either as a stand-alone fuel or by blending with natural
23 gas, the reclamation of metal products for recycling, and the
24 vitrification of inorganic compounds that may be used for
25 manufactured products. The pollution prevention measures would
26 include, in order of most-preferred to least-preferred, source
27 reduction for waste elimination, reuse, on-site recycling,
28 off-site recycling, plasma gasification, waste treatment,
29 combustion with energy recovery, and land disposal.